

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A linear recliner assembly comprising:

a housing;

a pawl nonmovably fixed to said housing;

a recliner rod slidably supported by said housing and operable to selectively engage said pawl; and

a cam rotatably supported by said housing and movable between a first position forcing said recliner rod into engagement with said pawl and a second position enabling said recliner rod to fall from engagement with said pawl, said cam biased into said first position by a biasing mechanism.
2. (Original) The linear recliner assembly of claim 1 further comprising:

a first plurality of teeth formed in a lower surface of said pawl; and

a second plurality of teeth formed in an upper surface of said recliner rod, said first and second pluralities of teeth selectively engaged to prohibit relative movement between said recliner rod and said pawl.
3. (Cancelled)

4. (Currently Amended) The linear recliner assembly of claim 3-1 wherein said biasing mechanism is a coil spring.

5. (Currently Amended) The linear recliner assembly of claim 3-1 wherein said biasing mechanism comprises a rod slidably supported within said housing, biased by a spring, and in pivotal engagement with said cam.

6. (Currently Amended) A reclining seat assembly including a seat and a seat back in pivotal relationship to the seat, said reclining assembly further comprising:

a linear recliner assembly including:

a housing;

a pawl nonmovably fixed to said housing;

a recliner rod pivotally engaged with the seat back and slidably supported by said housing, said recliner rod selectively engaging said pawl; and

a cam rotatably supported by said housing and movable between a first position forcing said recliner rod into engagement with said pawl and a second position enabling said recliner rod to fall from engagement with said pawl, said cam biased into said first position by a biasing mechanism;

a handle fixed for rotation with said cam to rotate said cam between said first and second positions.

7. (Original) The reclining seat assembly of claim 6 further comprising:

a first plurality of teeth formed in a lower surface of said pawl; and

a second plurality of teeth formed in an upper surface of said recliner rod, said first and second pluralities of teeth selectively engaged to prohibit relative movement between said recliner rod and said pawl.

8. (Cancelled)

9. (Currently Amended) The reclining seat assembly of claim 8-6 wherein said biasing mechanism is a coil spring.

10. (Currently Amended) The reclining seat assembly of claim 8-6 wherein said biasing mechanism comprises a rod slidably supported within said housing, biased by a spring, and in pivotal engagement with said cam.

11. (Currently Amended) A linear recliner assembly comprising:

a housing;

a pawl nonmovably fixed to said housing;

a recliner rod slidably supported by said housing and movable between an engaged position and a disengaged position; and

a single cam rotatably supported by said housing and movable between a first position forcing said recliner rod into said engaged position and a second position allowing said recliner rod to fall into said disengaged position, said cam locking said recliner rod in said engaged position and supporting said recliner rod in said disengaged position, said cam biased into said first position by a biasing mechanism.

12. (Original) The linear recliner assembly of claim 11 further comprising:
a first plurality of teeth formed in a lower surface of said pawl; and
a second plurality of teeth formed in an upper surface of said recliner rod, said first and second pluralities of teeth selectively engaged to prohibit relative movement between said recliner rod and said pawl.
13. (Cancelled)
14. (Currently Amended) The linear recliner assembly of claim ~~13~~11 wherein said biasing mechanism is a coil spring.
15. (Currently Amended) The linear recliner assembly of claim ~~13~~11 wherein said biasing mechanism comprises a rod slidably supported within said housing, biased by a spring, and in pivotal engagement with said cam.
16. (Currently Amended) A reclining seat assembly including a seat and a seat back in pivotal relationship to the seat, said reclining assembly further comprising:
a linear recliner assembly including:
a housing;
a pawl nonmovably fixed to said housing;
a recliner rod slidably supported by said housing and movable between an engaged position and a disengaged position; and

a single cam rotatably supported by said housing and movable between a first position forcing said recliner rod into said engaged position and a second position allowing said recliner rod to fall into said disengaged position, said cam locking said recliner rod in said engaged position and supporting said recliner rod in said disengaged position, said cam biased into said first position by a biasing mechanism; and

a handle fixed for rotation with said cam to rotate said cam between said first and second positions.

17. (Original) The reclining seat assembly of claim 16 further comprising:

a first plurality of teeth formed in a lower surface of said pawl; and

a second plurality of teeth formed in an upper surface of said recliner rod, said first and second pluralities of teeth selectively engaged to prohibit relative movement between said recliner rod and said pawl.

18. (Cancelled)

19. (Currently Amended) The reclining seat assembly of claim ~~18~~16 wherein said biasing mechanism is a coil spring.

20. (Currently Amended) The reclining seat assembly of claim ~~18~~16 wherein said biasing mechanism comprises a rod slidably supported within said housing, biased by a spring, and in pivotal engagement with said cam.